

IN THE CLAIMS

Claims 1-15 are presented below, with claims 1-9 pending. As shown below, claims 1-9 have been amended, and claims 10-15 have been canceled.

1. (Currently Amended) A reproducing apparatus comprising:

means for reading a signal written on a recording medium, wherein the signal is encoded using a predetermined encoding procedure;

means for reading ~~signal decoding program information data~~ written on the recording medium, wherein the ~~signal decoding program information data~~ includes a decoding program ~~software~~ corresponding to said encoding procedure; and

a signal processor for processing the encoded signal read from the recording medium, ~~wherein the signal processor decodes the encoded signal based on executing using the decoding program software included in the signal decoding program information data.~~

2. (Currently Amended) The reproducing apparatus as set forth in Claim 1, wherein the reading means reads the ~~signal decoding program information data~~ written on the recording medium repeatedly.

3. (Currently Amended) A reproducing apparatus comprising:

means for reading a signal written on a recording medium, wherein the signal is encoded using a predetermined encoding procedure;

means for reading ~~signal decoding program information data~~ from means for storing the ~~signal decoding program information data~~, wherein the storing means is attached to the recording medium and the ~~signal decoding program information data~~ includes a decoding program ~~software~~ corresponding to said ~~encoding procedure~~; and

a signal processor for processing the encoded signal read from the recording medium, wherein the signal processor decodes the encoded signal ~~based on executing using the decoding program software~~ included in the ~~signal decoding program information data~~.

4. (Currently Amended) A recording apparatus comprising:

means for encoding an input signal using an ~~predetermined encoding procedure~~ method;

means for generating ~~signal decoding program information data~~ including a decoding ~~program software~~ which inversely processes the encoded input signal and corresponds to said ~~the encoding procedure~~ method; and

means for writing to a recording medium the encoded input signal and the ~~signal decoding program information data~~.

5. (Currently Amended) The recording apparatus as set forth in Claim 4, wherein the writing means writes the ~~signal decoding program information data~~ on the recording medium repeatedly.

6. (Currently Amended) A recording apparatus comprising:

means for encoding an input signal using an ~~predetermined encoding procedure~~ method;

means for generating ~~signal decoding program information data~~ including ~~a decoding program software~~ which inversely processes the encoded input signal and corresponds to ~~said the~~ encoding procedure method;

means for writing the encoded input signal to a recording medium; and

means for writing the ~~signal decoding program information data~~ to storing means attached to the recording medium.

7. (Currently Amended) A recording/reproducing apparatus comprising:

means for encoding an input signal using ~~an predetermined encoding procedure method~~;

means for generating ~~signal decoding program information data~~ including ~~a decoding program software~~ which inversely processes the processed input signal and corresponds to ~~said the~~ encoding procedure method;

means for writing to a recording medium the encoded input signal and the ~~signal decoding program information data~~;

means for reading a signal written on a recording medium, wherein the signal written on the recording medium is encoded using ~~said the~~ encoding procedure method;

means for reading ~~signal decoding program information data~~ written on the recording medium from which the encoded signal was read;

a signal processor for processing the encoded signal read from the recording medium, wherein the signal processor decodes the encoded signal based on executing using the decoding program software included in the read ~~signal decoding program information data~~.

8. (Currently Amended) The recording/reproducing apparatus as set forth in Claim 7, wherein
the writing means writes the ~~signal-decoding-program information-data~~ on the recording
medium repeatedly, and
the reading means reads the ~~signal-decoding-program information-data~~ written on the
recording medium repeatedly.

9. (Currently Amended) A recording/reproducing apparatus comprising:
means for encoding an input signal using an ~~predetermined-encoding procedure~~method;
means for generating ~~signal-decoding-program information-data~~ including a decoding
~~program-software~~ which inversely processes the encoded input signal and corresponds to ~~said-the~~
~~encoding procedure~~method;
means for writing the encoded input signal to a recording medium;
means for writing the ~~signal-decoding-program information-data~~ to storing means
attached to the recording medium;
means for reading a signal written on a recording medium, wherein the signal written on
the recording medium is encoded using ~~said-the~~ encoding proceduremethod;
means for reading ~~signal-decoding-program information-data~~ from storing means attached
to the recording medium from which the encoded signal was read; and
a signal processor for processing the encoded signal read from the recording medium,
wherein the signal processor decodes the encoded signal based on executing using the decoding
program-software included in the read ~~signal-decoding-program information-data~~.

10. - 15. (Canceled)